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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/718,578

11/24/2003

Michael Alan Morris

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EXAMINER

VARGOT, MATHIEU D

ART UNIT

PAPER NUMBER

1732

MAIL DATE

DELIVERY MODE

05/31/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/718,578	Applicant(s) MORRIS ET AL.	
	Examiner Mathieu D. Vargot	Art Unit 1732	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 February 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Volk in view of the admitted prior art at disclosed at paragraphs 8, 9 and 38 of the instant specification and Reshef et al (see col. 2, lines 57-60). Volk is applied for reasons of record, the primary reference failing to teach the instant anterior surface radius of curvature and the instant hollow depth. It is true that the lenses are cut from the workpiece depicted in Figure 6, and the figure also shows exactly where one of the lenses would be cut. This lens would have a diameter of 58 mm and have a hollow depth of around 6 mm—ie, about 75% of the thickness of the lens. While it is true that exact dimensions cannot ordinarily be gleaned from a drawing, it is also clear that the drawing is done to scale and hence the 6 mm is accurate. It is submitted that increasing the depth to at least 8 mm would have been obvious over Volk dependent on the amount of edging for the posterior surface of the lens and the exact power needed for the lens. Essentially, Volk fails to teach the instant radius of curvature and that set forth in claim 7. Concerning the instant radius of curvature, the admitted prior art disclosed by applicant (ie, paragraphs 8 and 9) contemplated steeply curved lenses and it is submitted that the exact curvature would have been within the skill level of the art dependent on exact optical properties desired for the lens. At any rate, Reshef et al discloses lenses which would be mounted in eyewear and which have the instant

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anterior surface curvature, showing that such is known in the art. Also, Reshef et al would also appear to teach the instant hollow depth, although exact measurements are not possible since there is no indication that the reference is drawn to scale.

Regardless, Reshef et al and the admitted prior art disclose that steeply curved and large dimension hollow depth lenses are known in the art and it is respectfully submitted that the exact dimensions of these parameters would have been within the skill level of the art. Concerning claim 7, applicant admits that the instant barrel and donut toroids are known in the art as a method for providing corrective surfaces on lenses—see instant paragraph 38. It would have been obvious to one of ordinary skill in the art at the time of invention to have used an averaged toroid based on these well-known toroids to generate the back surface of the lens of Volk.

2. Applicant's arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection.

Applicant's comments are submitted to now be moot in view of the new grounds of rejection. While Volk does not expressly teach the instant front curvature, it is submitted that such is obvious when taken in conjunction with the admitted prior art or Rashef et al. The same is generally true for the instant hollow depth.

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mathieu D. Vargot whose telephone number is 571 272-1211. The examiner can normally be reached on Mon-Fri from 9 to 6.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christina Johnson, can be reached on 571-272-1176. The fax phone

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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

M. Vargot
May 27, 2007


Mathieu D. Vargot
Primary Examiner
Art Unit 1732

5/27/07